

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 23 October 2000 (23.10.00)	
International application No. PCT/EP00/01923	Applicant's or agent's file reference PAT 99408PCT
International filing date (day/month/year) 06 March 2000 (06.03.00)	Priority date (day/month/year) 18 March 1999 (18.03.99)
Applicant STAGE, Erling et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
07 August 2000 (07.08.00)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p>Authorized officer</p> <p>R. E. Stoffel</p> <p>Telephone No.: (41-22) 338.83.38</p>
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REC'D 08 JUN 2001

WIPO

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PAT 99408PCT		FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/EP00/01923	International filing date (day/month/year) 06/03/2000	Priority date (day/month/year) 18/03/1999	
International Patent Classification (IPC) or national classification and IPC H04Q7/32			
Applicant NOKIA MOBILE PHONES LIMITED			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input checked="" type="checkbox"/> Certain defects in the international application VIII <input checked="" type="checkbox"/> Certain observations on the international application 			
Date of submission of the demand 07/08/2000		Date of completion of this report 05.06.2001	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer Pais Gonçalves, A Telephone No. +49 89 2399 8806 	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/01923

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, pages:

1-11 as originally filed

Claims, No.:

1-16 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.

☒ claims Nos. 16.

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):

☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 16 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for the said claims Nos. .

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the standard.

☐ the computer readable form has not been furnished or does not comply with the standard.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims 1-15

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/01923

	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-15
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-15
	No:	Claims	

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

III.

Claim 16 does not fulfil the requirements of Rule 6.2(a) PCT.

V.

1. The present invention relates to a radio handset (Claim 1) for browsing information from the Internet, as well as to a system comprising such a radio handset (Claim 2).
2. The nearest prior art seems to be represented by the cited and acknowledged in the description, in particular the WAP protocol. However, the cited protocol specifications do not enter into detail of its implementation.
3. The present invention is essentially based on an automatic registration in a remote application for access to the Internet by coupling the handset to an accessory device comprising the remote application. With the aid of a browser application the user gets access to the Internet.
4. Said solution is not disclosed in or rendered obvious by the available prior art. In particular: WO-A-97 32439 discloses a communication network terminal (PC) capable of supporting a plurality of applications and communicating by short messages e.g. to a mobile subscriber; EP-A-0 752 763 discloses a data communication system enabling a computer to communicate with a plurality of data terminals by radio communication; the paper by Haartsen et al discloses the bluetooth standard while the paper by Erlandson et al discloses the cited WAP protocol.
5. Consequently, Claims 1 and 2 fulfil the requirements of Article 33(1) PCT in respect of novelty, inventive step and industrial applicability. The same applies to dependent Claims 3 to 15, which contain further refinements of the main embodiments of the independent claims.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/01923

VII.

On page 11, line 24 of the description, the wording "as defined by the appended claims" was not added to the end of the sentence, PCT Guidelines PG-III 4.3a.

VIII.

The scope of Claims 3 to 15 is not clearly defined as they contain references to different kinds of claims, i.e. it is not clear whether they relate to a handset or to a system. Therefore, they do not fulfil the requirements of Article 6 PCT.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

Higgin, Paul
NOKIA IPR DEPARTMENT
Summit Avenue, Farnborough
Hampshire GU14 0NG
GRANDE BRETAGNE

NOTIFICATION OF TRANSMITTAL OF Letters
THE INTERNATIONAL PRELIMINARY CC
EXAMINATION REPORT
(PCT Rule 71.1)

Date of mailing
(day/month/year) 05.06.2001

Applicant's or agent's file reference
PAT 99408PCT

IMPORTANT NOTIFICATION

International application No.
PCT/EP00/01923

International filing date (day/month/year)
06/03/2000

Priority date (day/month/year)
18/03/1999

Applicant
NOKIA MOBILE PHONES LIMITED

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

 European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Finnie, A

Tel. +49 89 2399-8251



PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PAT 99408PCT	<div style="display: flex; justify-content: space-between;"> <div> FOR FURTHER ACTION </div> <div> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) </div> </div>	
International application No. PCT/EP00/01923	International filing date (day/month/year) 06/03/2000	Priority date (day/month/year) 18/03/1999
International Patent Classification (IPC) or national classification and IPC H04Q7/32		
Applicant NOKIA MOBILE PHONES LIMITED		
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<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input checked="" type="checkbox"/> Certain defects in the international application VIII <input checked="" type="checkbox"/> Certain observations on the international application 		
Date of submission of the demand 07/08/2000	Date of completion of this report 05.06.2001	
Name and mailing address of the international preliminary examining authority: <div style="display: flex; align-items: center;"> <div> European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 </div> </div>	Authorized officer Pais Gonçalves, A Telephone No. +49 89 2399 8806	



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

I. Basis of the report

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1-11 as originally filed

Claims, No.:

1-16 as originally filed

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1/4-4/4 as originally filed

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- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

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- ☐ furnished subsequently to this Authority in written form.
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**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

☐ the drawings, sheets:

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☒ claims Nos. 16.

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):

☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 16 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for the said claims Nos. .

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1. Statement

Novelty (N)

Yes: Claims 1-15

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/01923

	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-15
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-15
	No:	Claims	

2. Citations and explanations
see separate sheet

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see separate sheet

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Claim 16 does not fulfil the requirements of Rule 6.2(a) PCT.

V.

1. The present invention relates to a radio handset (Claim 1) for browsing information from the Internet, as well as to a system comprising such a radio handset (Claim 2).
2. The nearest prior art seems to be represented by the cited and acknowledged in the description, in particular the WAP protocol. However, the cited protocol specifications do not enter into detail of its implementation.
3. The present invention is essentially based on an automatic registration in a remote application for access to the Internet by coupling the handset to an accessory device comprising the remote application. With the aid of a browser application the user gets access to the Internet.
4. Said solution is not disclosed in or rendered obvious by the available prior art. In particular: WO-A-97 32439 discloses a communication network terminal (PC) capable of supporting a plurality of applications and communicating by short messages e.g. to a mobile subscriber; EP-A-0 752 763 discloses a data communication system enabling a computer to communicate with a plurality of data terminals by radio communication; the paper by Haartsen et al discloses the bluetooth standard while the paper by Erlandson et al discloses the cited WAP protocol.
5. Consequently, Claims 1 and 2 fulfil the requirements of Article 33(1) PCT in respect of novelty, inventive step and industrial applicability. The same applies to dependent Claims 3 to 15, which contain further refinements of the main embodiments of the independent claims.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/01923

VII.

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VIII.

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PAT 99408PCT	FOR FURTHER ACTION <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small>	
International application No. PCT/EP 00/ 01923	International filing date (day/month/year) 06/03/2000	(Earliest) Priority Date (day/month/year) 18/03/1999
Applicant NOKIA MOBILE PHONES LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

☒ **None of the figures.**

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP 00/01923

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9732439	A	04-09-1997	FI 960895 A	27-08-1997
			AU 1881497 A	16-09-1997
			AU 4733599 A	11-11-1999
			BR 9707868 A	27-07-1999
			CA 2247449 A	04-09-1997
			CN 1212109 A	24-03-1999
			EP 0882375 A	09-12-1998
			JP 2000505621 T	09-05-2000
<hr/>				
EP 0752763	A	08-01-1997	AT 154181 T	15-06-1997
			AU 641541 B	23-09-1993
			AU 8326291 A	18-02-1992
			CA 2066587 A	26-01-1992
			DE 69126417 D	10-07-1997
			DE 69126417 T	05-02-1998
			EP 0494298 A	15-07-1992
			ES 2104716 T	16-10-1997
			WO 9202084 A	06-02-1992
			US 6006100 A	21-12-1999
			US 5872354 A	16-02-1999
			US 5544010 A	06-08-1996
			US 5834753 A	10-11-1998
			US 5805807 A	08-09-1998
			US 5790536 A	04-08-1998
			US 5726984 A	10-03-1998
			US 5949056 A	07-09-1999
			US 5644471 A	01-07-1997
			US 5914481 A	22-06-1999
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INTERNATIONAL SEARCH REPORT

International Application No

EP 00/01923

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HAARTSEN J ET AL: "BLUETOOTH: VISION, GOALS, AND ARCHITECTURE" MOBILE COMPUTING AND COMMUNICATIONS REVIEW,US,ACM, NEW YORK, NY, vol. 2, no. 4, 1 October 1998 (1998-10-01), pages 38-45, XP000784002 page 38, left-hand column, paragraph 1 -right-hand column, paragraph 1 ---	1,2,5,6
A	ERLANDSON C ET AL: "WAP - THE WIRELESS APPLICATION PROTOCOL" ERICSSON REVIEW,SE,ERICSSON. STOCKHOLM, no. 4, 1998, pages 150-153, XP000792053 ISSN: 0014-0171 abstract page 150 page 153, right-hand column -----	1-3

INTERNATIONAL SEARCH REPORT

International Application No

EP 00/01923

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/32 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 32439 A (DECKER PETER ;KAARTINEN KALEVI (DE); GUSTAFSSON PATRIK (FI); NOKIA) 4 September 1997 (1997-09-04) abstract page 2, paragraph 2 page 3, line 31 - line 33 page 7, column 2 page 12, line 12 - line 16 page 13, paragraph 5 -page 15, paragraph 2 page 27, paragraph 2 -page 28, paragraph 1 ---	1,2,7-16
A	EP 0 752 763 A (NORAND CORP) 8 January 1997 (1997-01-08) column 3, line 24 - line 44 figure 1 --- -/--	1,2,4,5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 August 2000

Date of mailing of the international search report

28/08/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Blanco Cardona, P

PCT REQUEST

PAT 99408PCT

Original (for SUBMISSION) - printed on 29.02.2000 04:37:44 PM

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request Prepared using	PCT-EASY Version 2.90 (updated 15.12.1999)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	PAT 99408PCT
I	Title of invention	RADIO HANDSET
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	NOKIA MOBILE PHONES LIMITED
II-5	Address:	KEILALAHDENTIE 4 FIN-02150 ESPOO Finland
II-6	State of nationality	FI
II-7	State of residence	FI
II-8	Telephone No.	+358 24 3061
II-9	Facsimile No.	+358 24 30 64544
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	STAGE, Erling
III-1-5	Address:	KIRKEVAENGET 6B, st.tv DK-2500 VALBY Denmark
III-1-6	State of nationality	DK
III-1-7	State of residence	DK

PCT REQUEST

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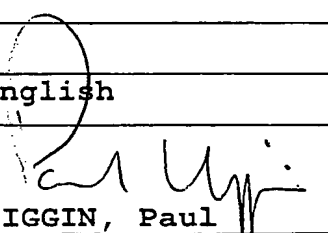
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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	PEDERSEN, Claus
III-2-5	Address:	KRONENS kvt. 16A DK-2620 ALBERTSLUND Denmark
III-2-6	State of nationality	DK
III-2-7	State of residence	DK
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	HIGGIN, Paul
IV-1-2	Address:	NOKIA IPR DEPARTMENT NOKIA HOUSE SUMMIT AVENUE SOUTHWOOD FARNBOROUGH, Hampshire GU14 0NG United Kingdom
IV-1-3	Telephone No.	+44 1252 865 000
IV-1-4	Facsimile No.	+44 1252 865 080
IV-1-5	e-mail	paul.higgin@nokia.com
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	HAWS, Helen, Louise; JEFFERY, Kendra, Louise; HIBBERT, Juliet, Jane, Grace; MUIR, Henry, Joseph; FRAIN, Timothy, John
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT

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V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AL AM AT AU AZ BA BB BG BR BY CA CH&LI CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW	
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
V-6	Exclusion(s) from precautionary designations	NONE	
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	18 March 1999 (18.03.1999)	
VI-1-2	Number	9906317.4	
VI-1-3	Country	GB	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Check list	number of sheets	electronic file(s) attached
VIII-1	Request	4	-
VIII-2	Description	11	-
VIII-3	Claims	4	-
VIII-4	Abstract	1	p99408abstract.txt
VIII-5	Drawings	4	-
VIII-7	TOTAL	24	
VIII-8	Accompanying items	paper document(s) attached	electronic file(s) attached
VIII-9	Fee calculation sheet	✓	-
VIII-12	Separate signed power of attorney	✓	-
VIII-12	Priority document(s)	Item(s) VI-1	-
VIII-16	PCT-EASY diskette	-	diskette
VIII-18	Figure of the drawings which should accompany the abstract	3	
VIII-19	Language of filing of the international application	English	
IX-1	Signature of applicant or agent	 3/3/2000	
IX-1-1	Name (LAST, First)	HIGGIN, Paul	

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10-1	Date of actual receipt of the purported international application	
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